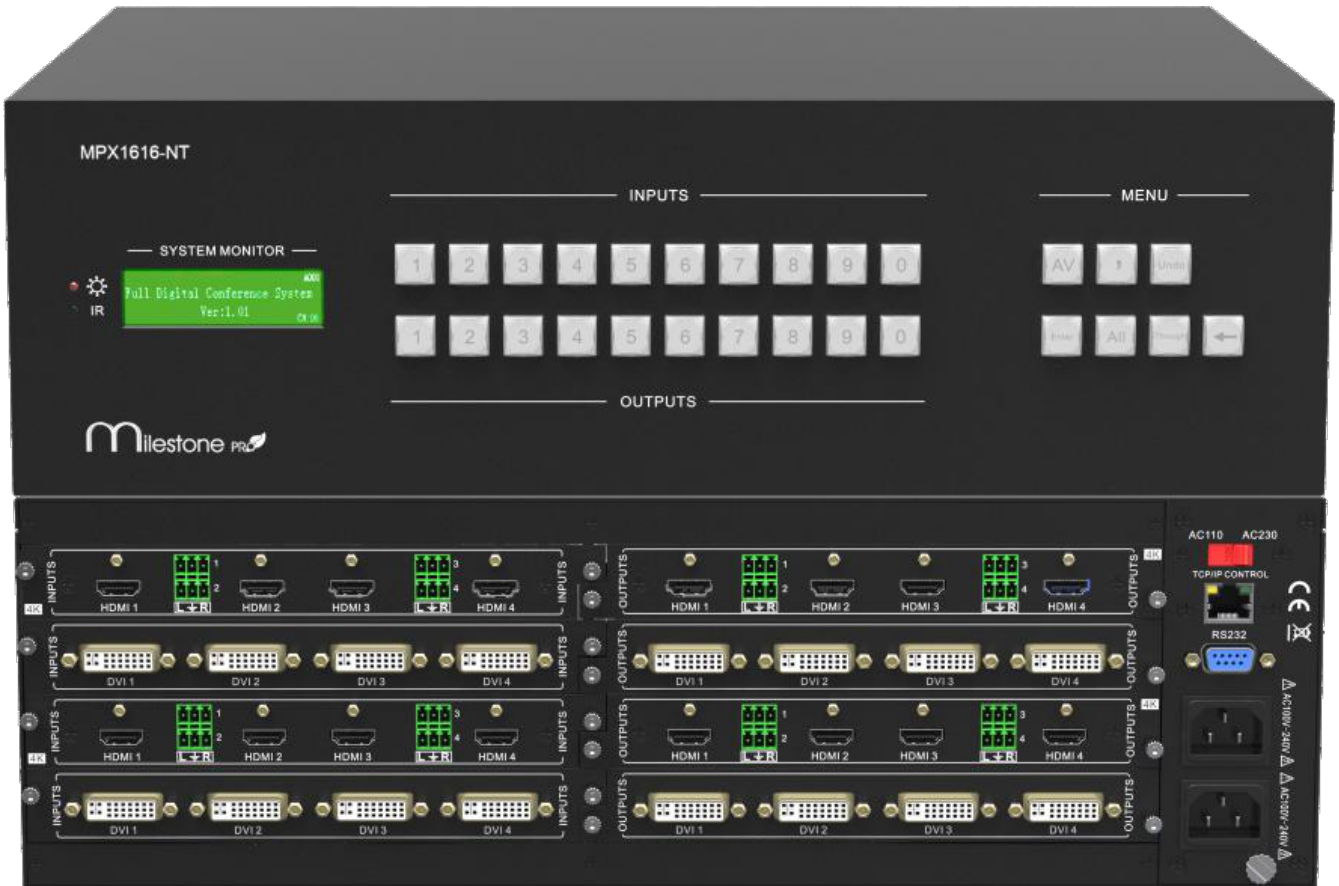


MPX1616-NT

Modular Matrix Switcher 16×16



PRODUCT OVERVIEW

Modular 16×16 matrix switcher with configurable signal-card architecture. Supports flexible AV routing, front-panel control, IR remote control and RS-232 control, with optional TCP/IP control.

MAIN UNIT SPECIFICATIONS

MAIN UNIT	SPECIFICATION
Control Port	RS-232, 9-pin female D connector; 2=TX, 3=RX, 5=GND
Installation	Rack mountable; 3U high
Front Panel	Back-lit control buttons with LCD display
TCP/IP	Optional network control
Power Supply	100VAC–240VAC, 50/60Hz
Power Consumption	31W max. (no load)
Operating Temperature	–10°C to +55°C
Storage Temperature	–25°C to +70°C
Relative Humidity	10%–90%
Dimensions (W×H×D)	483 × 133 × 320 mm
Net Weight	Approx. 5 kg, without signal card

CONFIGURABLE SIGNAL CARDS

SIGNAL CARD	KEY SPECIFICATION
4I-VA	4 VGA + 4 audio inputs; VGA/YPbPr/S-video/C-video; up to 1080P@60Hz; VGA bandwidth 170MHz.
4O-VG / 4O-VS	4 VGA + 4 audio outputs; up to 1080P@60Hz; 350MHz / 340MHz bandwidth respectively.
4I-VH / 4O-VH	2 VGA + 2 HDMI + 4 audio; up to 1080P@60Hz; HDMI/DVI and VGA-family formats.
4I-HS / 4O-HS	4 HDMI + 4 audio; up to 1080P@60Hz; 6.75Gbps; HDMI 1.3 / HDCP 1.2.
4I-UH / 4O-UH	4 HDMI + 4 audio; up to 4K×2K; HDMI 1.4 / HDCP 1.4; 1080P≤70m, 4K×2K≤40m.
4I-UHS / 4O-UHS	4 HDMI + 4 analog audio; 10.2Gbps; HDMI/DVI-D; EDID following function; 8-bit.
4I-SS / 4O-SS	4 SDI; BNC; SDI/HD-SDI/3G-SDI; up to 1080P@60Hz; 6.75Gbps; 1080P≤60m.
4I-SH / 4O-SH	2 SDI + 2 HDMI + 2 audio; up to 1080P@60Hz; 6.75Gbps; HDMI 1.3 / HDCP 1.3.
4I-AV / 4O-AV	4 CVBS + 4 audio; input up to 1080P@60Hz; output 480i/576i; transmission ≤100m.
4I-DS / 4O-DS	4 DVI; DVI/HDMI/VGA/C-video/YPbPr; 340MHz; EDID/DDC and HDCP support.
4I-BT / 4O-BT	4 HDBT + 4 audio + 4 RS232; up to 4K×2K; 10.2Gbps; 1080P≤70m, 4K×2K≤40m.
4I-BTS / 4O-BTS	4 HDBT + 4 audio + 4 RS232; up to 1080P@60Hz; 10.2Gbps; transmission ≤70m.
4I-UFS / 4O-UFS	4 fiber optical; SFP; LC; single-mode up to 2km; multi-mode up to 300m; up to 1080P.
4I-UHFS / 4O-UHFS	4 fiber optical; SFP; HDMI/DVI; 10.2Gbps max.; LC; multimode/singlemode.

Source: Supplied MPX1616-NT User Manual, version MPX1616-NT_2019V3.1. The product image is extracted from the supplied manual and the black background has been made transparent; the product itself has not been recreated.